

83–628 Testing switchover valves

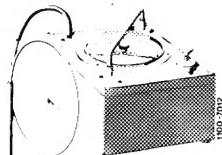
Data

Permissible leaks for individual parts of vacuum system

20 mbar
at 300 mbar vacuum

Special tool

Tester for vacuum systems



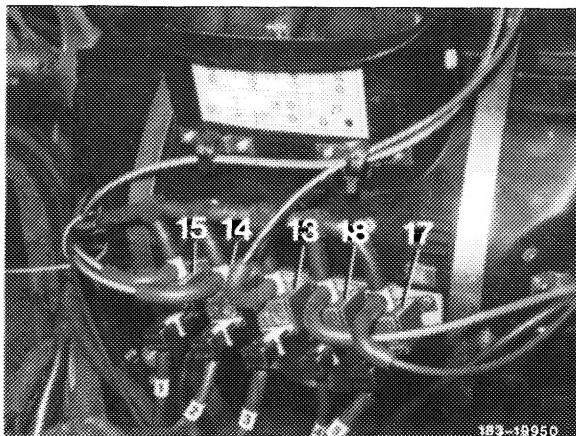
116 589 25 21 00

Blind plug

000 987 11 45

Preparation for test

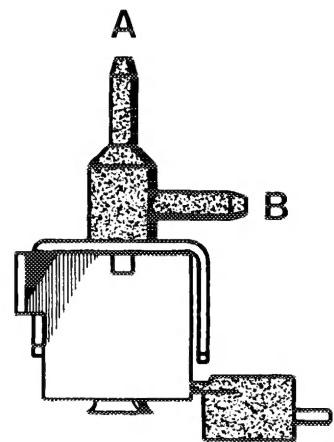
- 1 Remove optional switch.
 - 2 Remove cover for optional switch.
 - 3 Pull 5-point distributor and vacuum line from switchover valve (13, 14, 15, 17, 18).
 - 4 Pull electric couplings (2-pole) from switchover valves.



Testing

5 Connect tester to connection A of switchover valve and evacuate.

Vacuum should remain at permissible values. If tester shows a pressure increase, the switchover valve is defective.



6 Test electric function of valve by applying voltage. Valve will now open. Readout on tester returns to zero.

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7 Connect tester to connection B. Close connection A with blind plug, apply voltage and evacuate.

Vacuum should remain at permissible values.

8 Disconnect voltage on switchover valve. Readout on tester returns to zero.

9 Reconnect vacuum lines according to function diagram.

10 Reconnect electric coupling (2-point) 1 to 5.

